

## **What is claimed is:**

**[Claim 1]** 1. A liquid crystal display module comprising:

- a glass substrate having a display area and a peripheral area, a plurality of scan lines and a plurality of data lines is separately formed on the display area along horizontal and vertical directions;
- at least a gate driver chip mounted on the peripheral area, the gate driver chip transmits signals to the scan lines via a plurality of output terminals, and thickness of the gate driver chip is less than 0.3 mm; and
- at least a source driver chip mounted on the peripheral area, the source driver chip transmits signals to the data lines via a plurality of output terminals, and thickness of the source driver chip is less than 0.3 mm.

**[Claim 2]** 2. The liquid crystal display module of claim 1, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with a chip-on-glass technology.

**[Claim 3]** 3. The liquid crystal display module of claim 1, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with an adhesive material.

**[Claim 4]** 4. The liquid crystal display module of claim 3, wherein the adhesive material includes an anisotropic conductive film.

**[Claim 5]** 5. The liquid crystal display module of claim 1 further comprising at least a flexible printed circuit board mounted on the peripheral area.

**[Claim 6]** 6. A liquid crystal display module comprising:

- a glass substrate having a display area and a peripheral area, a plurality of scan lines and a plurality of data lines are separately formed on the display area along horizontal and vertical directions;
- at least a gate driver chip mounted on the peripheral area, the gate driver chip transmits signals to the scan lines via a plurality of output terminals, and the gate driver chip is bendable; and
- at least a source driver chip mounted on the peripheral area, the source driver chip transmits signals to the data lines via a plurality of output terminals, and the source driver chip is bendable.

**[Claim 7]** 7. The liquid crystal display module of claim 6, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with a chip-on-glass technology.

**[Claim 8]** 8. The liquid crystal display module of claim 6, wherein thickness of the gate driver chip is less than 0.3 mm.

**[Claim 9]** 9. The liquid crystal display module of claim 6, wherein thickness of the source driver chip is less than 0.3 mm.

**[Claim 10]** 10. The liquid crystal display module of claim 6, wherein the gate driver chip and the source driver chip are mounted on the glass substrate with an adhesive material.

**[Claim 11]** 11. The liquid crystal display module of claim 10, wherein the adhesive material includes an anisotropic conductive film.

**[Claim 12]** 12. The liquid crystal display module of claim 6 further comprising at least a flexible printed circuit board mounted on the peripheral area.